

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	"6531692".uref.	USPAT	OR	OFF	2006/08/02 08:35
L2	1599	optical near2 mouse	US-PGPUB; USPAT	OR	ON	2006/08/02 08:35
L3	1	l2 and tracking adj distance	US-PGPUB; USPAT	OR	ON	2006/08/02 08:36
L4	469	l2 and tracking	US-PGPUB; USPAT	OR	ON	2006/08/02 08:36
L5	20	l2 and tracking adj mode	US-PGPUB; USPAT	OR	ON	2006/08/02 09:17
L6	381	l2 and click	US-PGPUB; USPAT	OR	ON	2006/08/02 09:24
L7	118	wavefront adj profile	US-PGPUB; USPAT	OR	ON	2006/08/02 11:36
L8	53	l7 and light adj beam	US-PGPUB; USPAT	OR	ON	2006/08/02 09:22
L9	2	l2 and l8	US-PGPUB; USPAT	OR	ON	2006/08/02 09:22
L10	9	l8 and mouse	US-PGPUB; USPAT	OR	ON	2006/08/02 09:22
L11	28	l6 and 345/166.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/02 10:06
L12	1	"6424407".pn.	US-PGPUB; USPAT	OR	ON	2006/08/02 10:06
L13	58	"4794384".uref.	US-PGPUB; USPAT	OR	ON	2006/08/02 11:13
L14	6	boiling adj speckle	US-PGPUB; USPAT	OR	ON	2006/08/02 11:19
L15	9541	out-of-phase	US-PGPUB; USPAT	OR	ON	2006/08/02 11:19
L16	267	l15 and coherent adj light learn	US-PGPUB; USPAT	OR	ON	2006/08/02 11:19
L17	596715	l15 and coherent adj light beam	US-PGPUB; USPAT	OR	ON	2006/08/02 11:19
L18	596708	l15 same coherent adj light beam	US-PGPUB; USPAT	OR	ON	2006/08/02 11:20
L19	596706	l15 with coherent adj light beam	US-PGPUB; USPAT	OR	ON	2006/08/02 11:37
L20	4	l15 with coherent adj light adj beam	US-PGPUB; USPAT	OR	ON	2006/08/02 11:20
L21	4	l15 same coherent adj light adj beam	US-PGPUB; USPAT	OR	ON	2006/08/02 11:21

## EAST Search History

L22	45	I15 and coherent adj light adj beam	US-PGPUB; USPAT	OR	ON	2006/08/02 12:05
L23	1	"20030058738".PN.	US-PGPUB	OR	OFF	2006/08/02 11:32
L24	1	"20030053373".PN.	US-PGPUB	OR	OFF	2006/08/02 11:32
L25	1	"6552841".PN.	USPAT; USOCR	OR	OFF	2006/08/02 11:32
L26	1	"6486962".PN.	USPAT; USOCR	OR	OFF	2006/08/02 11:33
L27	1	"6134006".PN.	USPAT; USOCR	OR	OFF	2006/08/02 11:34
L28	1	"5986224".PN.	USPAT; USOCR	OR	OFF	2006/08/02 11:34
L29	1	"5262884".PN.	USPAT; USOCR	OR	OFF	2006/08/02 11:34
L30	4353	wavefront with (lens or optic)	US-PGPUB; USPAT	OR	ON	2006/08/02 11:37
L31	596712	I30 and coherent adj light beam	US-PGPUB; USPAT	OR	ON	2006/08/02 11:59
L32	165	I30 and coherent adj light adj beam	US-PGPUB; USPAT	OR	ON	2006/08/02 11:44
L33	7	I32 and mouse	US-PGPUB; USPAT	OR	ON	2006/08/02 11:38
L34	10	I32 and "250"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/02 11:38
L35	22	I30 same coherent adj light adj beam	US-PGPUB; USPAT	OR	ON	2006/08/02 11:44
L36	596708	wavefront with coherent adj light beam	US-PGPUB; USPAT	OR	ON	2006/08/02 11:59
L37	52	wavefront with coherent adj light adj beam	US-PGPUB; USPAT	OR	ON	2006/08/02 11:59
L38	560	I15 and light adj beam	US-PGPUB; USPAT	OR	ON	2006/08/02 12:06
L39	82	I15 same light adj beam	US-PGPUB; USPAT	OR	ON	2006/08/02 13:02
L40	27	speckle adj grain	US-PGPUB; USPAT	OR	ON	2006/08/02 13:22
L41	9402	((lifting or lift) adj off or away near2 mov\$3) with distance	US-PGPUB; USPAT	OR	ON	2006/08/02 13:27
L42	12	I41 and optical near mouse	US-PGPUB; USPAT	OR	ON	2006/08/02 13:24
L43	858	((lifting or lift) adj off or away near2 mov\$3) with distance	EPO; JPO; DERWENT	OR	ON	2006/08/02 13:25

## EAST Search History

L44	4	l43 and mouse	EPO; JPO; DERWENT	OR	ON	2006/08/02 13:26
L45	104	((lifting or lift) adj off or away near2 mov\$3) and mouse near optical	US-PGPUB; USPAT	OR	ON	2006/08/02 14:03
L46	92	l45 not l42	US-PGPUB; USPAT	OR	ON	2006/08/02 13:27
L47	385	((lifting or lift) adj off or away near2 mov\$3) and speckle	US-PGPUB; USPAT	OR	ON	2006/08/02 14:04
L48	17	((lifting or lift) adj off or away near2 mov\$3) same speckle	US-PGPUB; USPAT	OR	ON	2006/08/02 14:25
L49	7694	((lifting or lift) adj off or away near2 mov\$3) and impedance	US-PGPUB; USPAT	OR	ON	2006/08/02 14:26
L50	453	l49 and mouse	US-PGPUB; USPAT	OR	ON	2006/08/02 14:26
L51	690	((lifting or lift) adj off or away near2 mov\$3) same impedance	US-PGPUB; USPAT	OR	ON	2006/08/02 14:27
L52	1	l51 and measur\$5 adj zone	US-PGPUB; USPAT	OR	ON	2006/08/02 14:27
L53	594	((lifting or lift) adj off or away near2 mov\$3) and impedance with field	US-PGPUB; USPAT	OR	ON	2006/08/02 14:27
L54	89	((lifting or lift) adj off or away near2 mov\$3) same impedance same field	US-PGPUB; USPAT	OR	ON	2006/08/02 14:31
L55	171	impedance adj sensor and input adj device	US-PGPUB; USPAT	OR	ON	2006/08/02 14:59
L56	699	impedance same proximity same sensor	US-PGPUB; USPAT	OR	ON	2006/08/02 14:40
L57	19	l56 and "345"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/02 14:40
L58	4867	field same proximity same sensor	US-PGPUB; USPAT	OR	ON	2006/08/02 14:55
L59	120	l58 and "345"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/02 14:40
L60	570	field same proximity same sensor	EPO; JPO; DERWENT	OR	ON	2006/08/02 14:55
L61	3	l60 and input adj device	EPO; JPO; DERWENT	OR	ON	2006/08/02 14:57
L62	7	"574213"	EPO; JPO; DERWENT	OR	ON	2006/08/02 14:58
L63	46	l53 and input adj device	US-PGPUB; USPAT	OR	ON	2006/08/02 15:05

## EAST Search History

L64	182	I56 same field	US-PGPUB; USPAT	OR	ON	2006/08/02 16:34
L65	1	"6348862".PN.	USPAT; USOCR	OR	OFF	2006/08/02 16:25
L66	1	"6275146".PN.	USPAT; USOCR	OR	OFF	2006/08/02 16:27
L67	1	"6051981".PN.	USPAT; USOCR	OR	OFF	2006/08/02 16:27
L68	1	"6025726".PN.	USPAT; USOCR	OR	OFF	2006/08/02 16:28
L69	1	"5973318".PN.	USPAT; USOCR	OR	OFF	2006/08/02 16:29
L70	1	"5802479".PN.	USPAT; USOCR	OR	OFF	2006/08/02 16:31
L71	1	"5729604".PN.	USPAT; USOCR	OR	OFF	2006/08/02 16:32
L72	1	"5491423".PN.	USPAT; USOCR	OR	OFF	2006/08/02 16:32
L73	1	"5337353".PN.	USPAT; USOCR	OR	OFF	2006/08/02 16:32
L74	414	proximity adj sensor same resistance	US-PGPUB; USPAT	OR	ON	2006/08/02 16:34
L75	62	proximity adj sensor same resistance same impedance	US-PGPUB; USPAT	OR	ON	2006/08/02 16:34
S1	1	"20050156874"	US-PGPUB; USPAT	OR	OFF	2006/07/26 13:56
S2	1	"20050156875"	US-PGPUB; USPAT	OR	OFF	2006/07/26 14:02
S3	120	("pn.4364035" "5574480" "6448977" "6057540" "4719455" "5274361" "5453644")	US-PGPUB; USPAT	OR	OFF	2006/07/26 14:03
S4	7	("4364035" "5574480" "6448977" "6057540" "4719455" "5274361" "5453644").pn.	US-PGPUB; USPAT	OR	OFF	2006/07/26 14:05
S5	1	"20030103037"	US-PGPUB; USPAT	OR	OFF	2006/07/26 14:05
S6	1	"20050035947"	US-PGPUB; USPAT	OR	OFF	2006/07/26 14:25
S7	1	"20050156876"	US-PGPUB; USPAT	OR	OFF	2006/07/26 14:14
S8	85	kong-y\$.in.	US-PGPUB; USPAT	OR	OFF	2006/07/26 14:14
S9	85	kong-y\$.in.	US-PGPUB; USPAT	OR	ON	2006/07/26 14:52

## EAST Search History

S10	13	S9 and tracking	US-PGPUB; USPAT	OR	ON	2006/08/02 08:36
S11	353	345/166.ccls.	US-PGPUB; USPAT	OR	OFF	2006/07/31 09:52
S12	287	S11 and @ad<="20040121"	US-PGPUB; USPAT	OR	OFF	2006/07/26 15:07
S13	453	kong-y\$.in.	EPO; JPO; DERWENT	OR	ON	2006/07/26 14:52
S14	6	S13 and tracking	EPO; JPO; DERWENT	OR	ON	2006/07/26 14:54
S15	1	"6531692".pn.	USPAT	OR	OFF	2006/08/02 08:34
S16	15	S12 and (lift-off or lifting or liftoff)	US-PGPUB; USPAT	OR	OFF	2006/07/31 11:52
S17	15	S12 and (lift-off or lifting or liftoff)	US-PGPUB; USPAT	OR	ON	2006/07/26 15:20
S18	26	("4719455" "4794384" "5107541" "5274361" "5729009" "5793357" "5852434" "5907152" "6031218" "6124587" "6151015" "6172354" "6246482" "6256016" "6281882" "6310988" "6330057" "6424407" "6433780" "6452683" "6454482" "6455840" "6474888" "6498604" "6529184" "6531692").pn.	US-PGPUB; USPAT	OR	ON	2006/07/26 15:23
S19	354	345/166.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/31 09:52
S20	315	S19 and (optical or light adj beam)	US-PGPUB; USPAT	OR	ON	2006/07/31 09:53
S21	1	S20 and self adj mix\$3	US-PGPUB; USPAT	OR	ON	2006/07/31 10:00
S22	1	S19 and self adj mix\$3	US-PGPUB; USPAT	OR	ON	2006/07/31 10:12
S23	16	S19 and speckle adj pattern	US-PGPUB; USPAT	OR	ON	2006/07/31 10:09
S24	10	S19 and beam adj splitter	US-PGPUB; USPAT	OR	ON	2006/07/31 10:09
S25	397	self adj mix\$3	US-PGPUB; USPAT	OR	ON	2006/07/31 14:04
S26	125	S25 and (optical or mouse)	US-PGPUB; USPAT	OR	ON	2006/07/31 10:13
S27	28	S26 and track\$3	US-PGPUB; USPAT	OR	ON	2006/07/31 14:08
S28	15	S26 and "250"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/31 11:43



## EAST Search History

S29	7	S26 and "345"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/31 11:43
S30	571	tracking and non-tracking	US-PGPUB; USPAT	OR	ON	2006/07/31 11:43
S31	198	S30 and optical	US-PGPUB; USPAT	OR	ON	2006/07/31 11:43
S32	12	S31 and "250"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/31 11:44
S33	8	S31 and "345"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/31 11:50
S34	1	"4794384".pn.	US-PGPUB; USPAT	OR	ON	2006/08/02 10:18
S35	1	"6433780".pn.	US-PGPUB; USPAT	OR	ON	2006/07/31 13:19
S36	3	"20020078363"	US-PGPUB; USPAT	OR	ON	2006/07/31 11:51
S37	208384	(lift-off or lifting or liftoff)	US-PGPUB; USPAT	OR	OFF	2006/07/31 13:20
S38	3404	S37 and mouse	US-PGPUB; USPAT	OR	OFF	2006/07/31 11:53
S39	1717	S38 and optical	US-PGPUB; USPAT	OR	OFF	2006/07/31 12:00
S40	340794	distance with surface	US-PGPUB; USPAT	OR	ON	2006/07/31 11:54
S41	25	S25 and S40	US-PGPUB; USPAT	OR	ON	2006/07/31 11:54
S42	24582	S37 and optical	US-PGPUB; USPAT	OR	OFF	2006/07/31 12:00
S43	552	S42 and "345"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2006/07/31 12:01
S44	15	S42 and "345"/166.ccls.	US-PGPUB; USPAT	OR	OFF	2006/07/31 12:01
S45	1	"6281882".pn.	US-PGPUB; USPAT	OR	ON	2006/07/31 13:29
S46	16804	(lift-off or liftoff)	US-PGPUB; USPAT	OR	ON	2006/07/31 13:20
S47	26	S46 and (tracking or cursor) adj mode	US-PGPUB; USPAT	OR	ON	2006/07/31 14:08
S48	27603	S37 and S40	US-PGPUB; USPAT	OR	ON	2006/07/31 13:30
S49	3087	S37 same S40	US-PGPUB; USPAT	OR	ON	2006/07/31 13:30
S50	31	S49 and mouse	US-PGPUB; USPAT	OR	ON	2006/07/31 13:32

## EAST Search History

S51	1215	345/179.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/31 13:32
S52	517	S51 and optical	US-PGPUB; USPAT	OR	ON	2006/07/31 13:34
S53	314	S52 and mouse	US-PGPUB; USPAT	OR	ON	2006/07/31 13:33
S54	3	S53 and S46	US-PGPUB; USPAT	OR	ON	2006/07/31 13:33
S55	85	S51 and S37	US-PGPUB; USPAT	OR	ON	2006/07/31 13:34
S56	119	self adj mix\$3	EPO; JPO; DERWENT	OR	ON	2006/07/31 14:04
S57	5	S56 and mouse	EPO; JPO; DERWENT	OR	ON	2006/07/31 14:05
S58	17	S56 and optical	EPO; JPO; DERWENT	OR	ON	2006/07/31 14:05
S59	72	S25 and track\$3	US-PGPUB; USPAT	OR	ON	2006/07/31 14:09
S60	8	S37 and S59	US-PGPUB; USPAT	OR	ON	2006/07/31 14:44
S61	1	"6707027".pn.	US-PGPUB; USPAT	OR	ON	2006/07/31 14:52
S62	1	"6452683".PN.	USPAT; USOCR	OR	OFF	2006/07/31 14:44
S63	1	"6424407".PN.	USPAT; USOCR	OR	OFF	2006/07/31 14:44
S64	1	"6330057".PN.	USPAT; USOCR	OR	OFF	2006/07/31 14:44
S65	1	"6246482".PN.	USPAT; USOCR	OR	OFF	2006/07/31 14:45
S66	1	"6233045".PN.	USPAT; USOCR	OR	OFF	2006/07/31 14:45
S67	1	"5382785".PN.	USPAT; USOCR	OR	OFF	2006/07/31 14:45
S68	1	"5262636".PN.	USPAT; USOCR	OR	OFF	2006/07/31 14:46
S69	1	"3644042".PN.	USPAT; USOCR	OR	OFF	2006/07/31 14:46
S70	1	"5262636".PN.	USPAT; USOCR	OR	OFF	2006/07/31 14:47
S71	1	"5382785".PN.	USPAT; USOCR	OR	OFF	2006/07/31 14:47
S72	1	"4733609".PN.	USPAT; USOCR	OR	OFF	2006/07/31 14:48

## EAST Search History

S73	1	"5262636".PN.	USPAT; USOCR	OR	OFF	2006/07/31 14:49
S74	53987	"356"/\$.ccds.	US-PGPUB; USPAT	OR	ON	2006/07/31 14:52
S75	1339	S74 and mouse	US-PGPUB; USPAT	OR	ON	2006/07/31 14:52
S76	42	S74 and optical near2 mouse	US-PGPUB; USPAT	OR	ON	2006/07/31 17:41
S77	1	"6707027".pn.	US-PGPUB; USPAT	OR	ON	2006/07/31 17:31
S78	1	S77 and "27"	US-PGPUB; USPAT	OR	ON	2006/07/31 17:31
S79	96	"382"/\$.ccds. and optical near2 mouse	US-PGPUB; USPAT	OR	ON	2006/07/31 17:42